

L Number	Hits	Search Text	DB	Time stamp
1	1	235/\$.ccls. and (detect\$4 or receiv\$3) same light and ((block\$3 with (ambient or extraneous or parasitic) with light).ab.) and (barcode or "bar code" or indicia).ab.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 12:49
2	70	235/\$.ccls. and light same (block\$3 with (ambient or extraneous or parasitic) with light) same (barcode or "bar code" or indicia)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 12:51
4	30	235/\$.ccls. and light with (block\$3) same (barcode or "bar code" or indicia) same (channel or guid\$3 or passageway or path) with light	USPAT; US-PGPUB; EPO; JPO	2004/02/10 12:54
5	1	235/\$.ccls. and light with guide with channel same (barcode or "bar code" or indicia)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 13:01
6	228	235/\$.ccls. and light with (guid\$3 or channel\$4 or tunnel\$4) same (barcode or "bar code" or indicia)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 13:07
7	248	(235/\$.ccls. 349/\$.ccls. 359/\$.ccls.) and (source or light) with (guid\$3 or channel\$4 or tunnel\$4) same (barcode or "bar code" or indicia) same (scan\$4 or read\$3)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 13:55
8	0	(235/\$.ccls. 349/\$.ccls. 359/\$.ccls.) and ((detector or receiver or photodetector or photosensor or photoresistor) same light near3 sensor same (block\$3 with ((ambient near3 light) or (parasitic near3 light) or (extraneous near3 light))).ab.)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 13:57
9	39	(detect\$3 or receiv\$4 or photodetector or photosensor or photoresistor or sens\$3) same (block\$3 with ((ambient near3 light) or (parasitic near3 light) or (extraneous near3 light))).ab.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 14:05
10	4	(barcode or "bar code" or indicia) same (block\$3 with ((ambient near3 light) or (parasitic near3 light) or (extraneous near3 light))).ab.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 14:06
11	150	((barcode or "bar code" or indicia) same ((guid\$4 or channel\$4) with light)).ab.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 14:09
12	154	((barcode or "bar code" or indicia) same (block\$3 with ((ambient near3 light) or (parasitic near3 light) or (extraneous near3 light))).ab.) (((barcode or "bar code" or indicia) same ((guid\$4 or channel\$4) with light)).ab.)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 14:06
13	29	((barcode or "bar code" or indicia) same ((guid\$4 or channel\$4) with light)).ab. and (deflect\$3 or reflect\$3 or mirror) same (spin\$4 or rotat\$4 or polygon)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 14:16
14	84	((barcode or "bar code" or indicia) same ((path\$3 or passage\$3 or tunnel) with light)).ab. and (deflect\$3 or reflect\$3 or mirror) same (spin\$4 or rotat\$4 or polygon)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 14:18
15	211	(235/\$.ccls. 359/\$.ccls. 349/\$.ccls.) and (barcode or "bar code" or indicia) same (scan\$4 or read\$3) same (light with block\$3) and (channel or tunnel or guid\$3 or pathway or passageway or path or passage)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 14:21
32	1	4115703.pn.	USPAT	2004/02/10 14:46
33	1	3813140.pn.	USPAT	2004/02/10 14:46
34	6	(barcode or "bar code" or indicia) same coaxial same (channel or guid\$3 or path or passag\$4) with light same (scan\$4 or read\$3)	USPAT	2004/02/10 14:48
35	16	(barcode or "bar code" or indicia) same coaxial same (channel or guid\$3 or path or passag\$4) with light	USPAT	2004/02/10 14:48

36	10	((barcode or "bar code" or indicia) same coaxial same (channel or guid\$3 or path or passag\$4) with light ) not ((barcode or "bar code" or indicia) same coaxial same (channel or guid\$3 or path or passag\$4) with light same (scan\$4 or read\$3))	USPAT	2004/02/10 14:48
37	53	((rotat\$4 or spin\$4 or spun) with (mirror or deflector or reflector or polygon)) same (barcode or "bar code" or indicia) same ((block\$3 with light) or ((guid\$3 or channel\$4) with light)))	USPAT	2004/02/10 15:00
38	74	((rotat\$4 or spin\$4 or spun) with (mirror or deflector or reflector or polygon)) same (barcode or "bar code" or indicia) same ((block\$3 with light) or ((guid\$3 or channel\$4) with light)))	USPAT; US-PGPUB; EPO; JPO	2004/02/10 15:04
39	180	(barcode or "bar code" or indicia) same (scan\$4 or read\$4) same ((focal or focus) near4 length) and ((light with block\$3) or (light with guid\$3))	USPAT; US-PGPUB; EPO; JPO	2004/02/10 15:14
40	159	(359/\$.ccls. 349/\$.ccls. 235/\$.ccls.) and ((barcode or "bar code" or indicia) same (scan\$4 or read\$4) same ((focal or focus) near4 length) and ((light with block\$3) or (light with guid\$3)))	USPAT; US-PGPUB; EPO; JPO	2004/02/10 15:25
41	773	light with (guid\$4 or funnel\$4) same (reflect\$3 or deflect\$3) same (barcode or "bar code" or indicia or pattern or marking) same (detect\$3 or scan\$4 or read\$3)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 15:26
42	187423	235/\$.ccls. 359/\$.ccls. 349/\$.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 15:27
43	152	(235/\$.ccls. 359/\$.ccls. 349/\$.ccls.) and (light with (guid\$4 or funnel\$4) same (reflect\$3 or deflect\$3) same (barcode or "bar code" or indicia or pattern or marking) same (detect\$3 or scan\$4 or read\$3))	USPAT; US-PGPUB; EPO; JPO	2004/02/10 15:27
50	62	(235/\$.ccls. 349/\$.ccls. 359/\$.ccls.) and ("channel structure")	USPAT	2004/02/10 15:42
51	62	(235/\$.ccls. 349/\$.ccls. 359/\$.ccls.) and ("channel structure")	USPAT	2004/02/10 15:43
52	48	(235/\$.ccls. 359/\$.ccls.) and ("channel structure")	USPAT	2004/02/10 15:44
53	27	(235/\$.ccls. 359/\$.ccls.) and (barcode or "bar code" or indicia or marking or pattern) same (scan\$4 or read\$3) same (channel or guide) same mirror same (spin\$4 or rotat\$4)	USPAT	2004/02/10 15:46
54	73	235/\$.ccls. and walsh.xa.	USPAT	2004/02/10 16:01
55	73	235/\$.ccls. and sanders.xa.	USPAT	2004/02/10 16:02
56	1396	light same mirror same reflect\$3 same (channel or tunnel or guide) with (receiv\$4 or sensor or detector or photo\$8)	USPAT	2004/02/10 16:04
57	1981	light same mirror same reflect\$3 same (channel or tunnel or guide) with (receiv\$4 or sensor or detector or photo\$8)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:05
58	17	armin.in. near5 claus.in.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:07
59	13	koyama.xa. and 235/\$.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:07
60	40	hess.xa. and 235/\$.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:07
61	47	caputo.xa. and 235/\$.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:07

62	136	franklin.xa. and 235/\$.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:08
63	65	nowlin.xa. and 235/\$.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:08
64	152	nguyen.xa. and 235/\$.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:08
65	27	nguyen.xa. and (kim or kimberly).xa. and 235/\$.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:08
66	106	chung.xa. and 349/\$.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:11
67	1649	(235/\$.ccls. 359/\$.ccls.) and (light with (guide or channel) with reflect\$3)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:12
68	1649	(235/\$.ccls. 359/\$.ccls.) and (light with (guide or channel) with reflect\$3) same (mirror or deflect\$4 or reflect\$3)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:16
69	65	(235/\$.ccls. 359/\$.ccls.) and (light with (guide or channel) with reflect\$3) same (mirror or deflect\$4 or reflect\$3) same (barcode or "bar code" or indicia)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:27
70	203	235/473.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:27
71	72	235/473.ccls. and (spin\$4 or rotat\$4 or deflect\$4)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:29
72	53	235/473.ccls. and light with (channel\$3 or guid\$3)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:29
73	6	235/473.ccls. and light with (channel\$3 or guid\$3) same mirror	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:39
74	1	4461534.pn.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:41
75	0	350/\$.ccls. and light with (channel or guid\$3) with (mirror or reflect\$3 or deflect\$3)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:41
76	0	350/\$.ccls. and light with (channel or guid\$3) same (barcode or "bar code" or "indicia")	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:42
77	0	350/\$.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:42
78	33	359/\$.ccls. and light with (channel or guid\$3) same (barcode or "bar code" or "indicia")	USPAT; US-PGPUB; EPO; JPO	2004/02/10 16:42
-	1056	235/\$.ccls. and (barcode or "bar code" or indicia) same (scan\$4 or read\$3) same (deflect\$4 or reflect\$3 or spin\$4 or rotat\$4 or polygon\$2 or mirror) same (pipe or box or "light impermeable" or housing or cover)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 10:52
-	83	235/\$.ccls. and (barcode or "bar code" or indicia) same (scan\$4 or read\$3) same (deflect\$4 or reflect\$3 or spin\$4 or rotat\$4 or polygon\$2 or mirror) same (pipe or box)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 10:55
-	236	235/\$.ccls. and (barcode or "bar code" or indicia) same (scan\$4 or read\$3) same (deflect\$4 or reflect\$3 or spin\$4 or rotat\$4 or polygon\$2 or mirror) same (channel or guid\$3)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 10:57

-	836	235/\$.ccls. and ((barcode or "bar code" or indicia) with (scan\$4 or read\$3)) same (deflect\$4 or reflect\$3 or spin\$4 or rotat\$4 or polygon\$2 or mirror) same (channel or guid\$3 or honeycomb or lane or divider or passageway or tunnel or path) with (light or beam)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 10:59
-	802	235/\$.ccls. and ((barcode or "bar code" or indicia) with (scan\$4 or read\$3)) same (deflect\$4 or reflect\$3 or spin\$4 or rotat\$4 or polygon\$2) same (channel or guid\$3 or honeycomb or lane or divider or passageway or tunnel or path) with (light or beam)	USPAT; US-PGPUB; EPO; JPO	2004/02/10 11:00